a first interface for connection to the user device;

a second interface for connection to the foreign network; and

a processor in communication with the first and second interfaces, the processor intercepting data from the second interface to determine network settings of the foreign network, intercepting data from the first interface to determine network settings of the user device, determining if the data transmitted from the user device [is compatible] requires translation based on [with] the foreign network settings, processing the data by modifying [incompatible] any data which requires translation for [to be compatible with] the foreign network, and transmitting the [modified] processed data to the foreign network via the second interface.

37. (Twice Amended) A translator as in claim 1, in which:

the foreign network comprises first and second subnetworks;

the user device and [router] translator are connected to the first subnetwork; and

the processor is configured to appear as the second subnetwork to the user device, and to appear as the user device to the second subnetwork.

44. (Twice Amended) A router as in claim 43, in which:

the [router] translator receives incoming data from the foreign network including the second address as a source address; and

the [router] translator translates the incoming data by replacing the second address with the first address as the source address.

45. (Twice Amended) A digital storage medium for storing a computer program which implements the functionality of a translator by selectively performing data translation between a user device that is configured to be connected to a home network after automatically detecting network settings of a foreign network and determining that the user device configuration requires data translation for communication over the [is incompatible with a] foreign network, the program intercepting messages intended for a device on the home network and selectively translating [incompatible] data between the home network and foreign

network configurations such that the foreign network appears as the home network to the user device.

50. (Twice Amended) A medium as in claim 49, in which:

the user device transmits an Address Resolution Protocol (ARP) packet which includes the permanent address to the [router] translator; and

the translator is configured to determine the permanent address from the ARP packet.

53. (Twice Amended) A [translator] medium as in claim 45, in which:

the user device has a permanent address;

the translator has a translator address;

the translator receives incoming data from the foreign network including the translator address as a destination address; and

the translator is configured to translate the incoming data by replacing the translator address with the permanent address as the destination address.

54. (Twice Amended) A [translator] medium as in claim 45, in which:

the user device has a permanent address;

the translator has a translator address;

the user device transmits outgoing data to the foreign network including the permanent address as a source address;

the translator is configured to translate the outgoing data by replacing the permanent address with the translator address as the source address;

the translator receives incoming data from the foreign network including the translator address as a destination address; and

the translator is configured to translate the incoming data by replacing the translator address with the permanent address as the destination address.